



## TABLE OF CONTENTS

	<u>Page</u>
SUMMARY OF PERMIT REPORT SUBMITTALS .....	3
<b>SPECIAL CONDITIONS</b>	
S1. DISCHARGE LIMITATIONS .....	4
C. Process Wastewater Discharges	
S2. MONITORING REQUIREMENTS .....	6
A. Monitoring Schedule	
B. Sampling and Analytical Procedures	
C. Flow Measurement	
D. Laboratory Accreditation	
S3. REPORTING AND RECORDKEEPING REQUIREMENTS .....	7
B. Reporting	
C. Records Retention	
D. Recording of Results	
E. Additional Monitoring by the Permittee	
F. Noncompliance Notification	
S4. SOLID WASTE DISPOSAL .....	9
A. Solid Waste Handling	
B. Leachate	
C. Solid Waste Control Plan	
S5. BEST MANAGEMENT PRACTICES .....	9
<b>GENERAL CONDITIONS</b>	
G1. SIGNATORY REQUIREMENTS .....	11
G2. RIGHT OF ENTRY .....	11
G3. PERMIT ACTIONS .....	12
G4. REPORTING A CAUSE FOR MODIFICATION .....	12
G5. PLAN REVIEW REQUIRED .....	12
G6. COMPLIANCE WITH OTHER LAWS AND STATUTES .....	12
G7. DUTY TO REAPPLY .....	13
G8. PERMIT TRANSFER .....	13
G9. REDUCED PRODUCTION FOR COMPLIANCE .....	13
G10. REMOVED SUBSTANCES .....	13
G11. TOXIC POLLUTANTS .....	13
G12. OTHER REQUIREMENTS OF 40 CFR .....	13
G13. ADDITIONAL MONITORING .....	13
G14. PAYMENT OF FEES .....	14
G15. PENALTIES FOR VIOLATING PERMIT CONDITIONS .....	14

### SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	Submittal Date
S3.A	Discharge Monitoring Report	Monthly	15 <sup>th</sup> day after reporting period
G1.	Notice of Change in Authorization	As necessary	
G4.	Permit Application for Substantive Changes to the Discharge	As necessary	
G5.	Engineering Report for Construction or Modification Activities	As necessary	
G7.	Application for permit renewal	1/permit cycle	180 days before permit expiration
G8.	Notice of Permit Transfer	As necessary	

## SPECIAL CONDITIONS

### S1. DISCHARGE LIMITATIONS

There shall be no discharge of floating solids, visible foam, or oily wastes which produce a sheen on the surface of the receiving water. Flow limitations are stated in million gallons per day (mgd).

This permit prohibits the following discharges:

1. Within 1 mile of Drayton Harbor and between 48° 25' and 48° 50' (which includes Boundary Passage, Haro Strait, and the area north of Discovery Island and south of Patos Island).
2. Areas with water depth less than 25 fathoms that are likely to have poor flushing (including but not limited to protected areas such as bays, harbors, inlets, coves, and lagoons).
3. Discharges within 3 miles of areas of special concern, including but not limited to Admiralty Inlet, Rosario Straits, and Dungeness Spit.

All discharges of stickwater must be located at least 18 inches below the vessel's water line, and only occur while the vessel is moving between two to five knots.

#### A. Fish Meal Process Wastewaters (Stickwater)

Beginning on the effective date of this permit and lasting through the expiration date, the Permittee is authorized to discharge stick water from the processing of fish wastes into meal at the permitted locations subject to meeting the following limitations:

	EFFLUENT LIMITATIONS	
Parameter	Average Monthly <sup>a</sup>	Maximum Daily <sup>b</sup>
Flow	.003 mgd	.004 mgd
<sup>a</sup> The average monthly effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.		
<sup>b</sup> The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For other units of measurement, the daily discharge is the average measurement of the pollutant over the day.		

B. Surimi Process Wastewaters (Factory Drain - Process Water)

There shall be no discharge of pollutants from the surimi process sized larger than 1/4 inch. All surimi process wastewater shall be screened through 1/4-inch mesh or finer, and all removed waste shall be routed to the fish meal plant for reduction to meal. This water shall be subject to the following limitations:

	<b>EFFLUENT LIMITATIONS</b>	
<b>Parameter</b>	<b>Average Monthly<sup>a</sup></b>	<b>Maximum Daily<sup>b</sup></b>
Flow	.15 mgd	.20 mgd
<sup>a</sup> The average monthly effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.		
<sup>b</sup> The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For other units of measurement, the daily discharge is the average measurement of the pollutant over the day.		

C. Non-Process Wastewater Discharges (Factory Drain - Salt Water)

	<b>EFFLUENT LIMITATIONS</b>	
<b>Parameter</b>	<b>Average Monthly<sup>a</sup></b>	<b>Maximum Daily<sup>b</sup></b>
Flow	2.0 mgd	3.0 mgd
<sup>a</sup> The average monthly effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.		
<sup>b</sup> The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For other units of measurement, the daily discharge is the average measurement of the pollutant over the day.		

## S2. MONITORING REQUIREMENTS

### A. Monitoring Schedule

Category	Parameter	Units	Minimum Sampling Frequency	Sample Type
Wastewater Effluent	Flow	mgd	Daily	Metered
Wastewater Effluent	Oil & Grease	mg/L	Weekly	Grab
Wastewater Effluent	Total Suspended Solids (TSS)	mg/L	Weekly	Composite
Wastewater Effluent	Production	lbs/day	Weekly	Calculated
Wastewater Effluent	Total Residual Chlorine	mg/L	Weekly <sup>1</sup>	Grab
Wastewater Effluent	Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/l	Yearly <sup>2</sup>	Composite
<sup>1</sup> During first year of operation. Alternative test methods, approved by the Department, may be used to determine Total Residual Chlorine.				
<sup>2</sup> Once a year during peak production period.				

### B. Sampling and Analytical Procedures

Sample points must represent all permitted flows. The following locations have been identified as wastewater sample points in the M/V Excellence: surimi process wastewaters, at the starboard bilge of the fish meal section of the factory; 1.8 mgd process wastewaters, under the meat separators; and .53 mgd process wastewaters, at the port offal pump outlet. Stickwater sample point(s) shall be flow proportioned. The Permittee must report the sampling results and associated flows for each individual discharge. This includes surimi process wastewater, process wastewater, and stickwater.

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the water and wastewater monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

C. Flow Measurement

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements are consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations and at a minimum frequency of at least one calibration per year. Calibration records shall be maintained for at least three years.

D. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, temperature, settleable solids, conductivity, pH, and internal process control parameters are exempt from this requirement. Conductivity and pH shall be accredited if the laboratory must otherwise be registered or accredited. Crops, soils and hazardous waste data are exempted from this requirement pending accreditation of laboratories for analysis of these media by the Department.

**S3. REPORTING AND RECORDKEEPING REQUIREMENTS**

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Daily Records

The following shall be monitored and recorded DAILY for each process waste discharge location.

1. Pounds of raw product, by species
2. Type and quantity of finished product (pounds)
3. Quantity of fish meal processed (pounds)
4. Volume of stickwater discharge (gallons)

B. Reporting

The first monitoring period begins on the effective date of the permit. Monitoring results shall be submitted monthly. Monitoring data obtained during the previous month shall be summarized and reported on a form provided, or otherwise approved, by the Department, and be received no later than the 15th day of the month following the completed monitoring period, unless otherwise specified in this permit. Priority pollutant analysis data shall be submitted no later than 45 days following the monitoring period. The report(s) shall be sent to the Department of Ecology, Southwest Regional Office, P.O. Box 47775, Olympia, Washington 98504-7775.

Monitoring results for fish meal process wastewater shall be reported on the monthly Discharge Monitoring Report (DMR) as both pollutant concentrations (mg/L) and loading values (lbs pollutant per 100 lbs raw product).

DMR forms must be submitted monthly whether or not the facility was discharging. If there was no discharge or the facility was not operating during a given monitoring period, submit the form as required with the words "no discharge" entered in place of the monitoring results.

C. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

D. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

E. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2. of this permit, then the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Permittee's self-monitoring reports.

F. Noncompliance Notification

In the event the Permittee is unable to comply with any of the permit terms and conditions due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and cleanup unauthorized discharges or otherwise stop the violation, correct the problem and, if applicable, repeat sampling and analysis of any violation immediately and submit the results to the Department within 30 days after becoming aware of the violation;
2. Immediately notify the Department of the failure to comply; and
3. Submit a detailed written report to the Department within thirty days (five days for upsets and bypasses), unless requested earlier by the Department. The report should describe the nature of the violation, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of the resampling, and any other pertinent information.



Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

#### **S4. SOLID WASTE DISPOSAL**

##### **A. Solid Waste Handling**

The Permittee shall handle and dispose of all solid waste material in such a manner as to prevent its entry into state ground or surface water.

##### **B. Leachate**

The Permittee shall not allow leachate from its solid waste material to enter state waters without providing all known, available and reasonable methods of treatment, nor allow such leachate to cause violations of the State Surface Water Quality Standards, Chapter 173-201A WAC, or the State Ground Water Quality Standards, Chapter 173-200 WAC. The Permittee shall apply for a permit or permit modification as may be required for such discharges to state ground or surface waters.

##### **C. Solid Waste Control Plan**

The Permittee shall submit all proposed revisions or modifications to the solid waste control plan to the Department. The Permittee shall comply with any plan modifications.

#### **S5. BEST MANAGEMENT PRACTICES**

The objective of the plan is to prevent or minimize the discharge of pollutants to the Straits of Georgia, Straits of Juan de Fuca, and to the Pacific Ocean (Specific locations are listed on the cover sheet). The Permittee shall operate the facility in accordance with the BMP Plan during the term of this permit. The BMP Plan shall include the following provisions:

- A. The system for conveyance of waste to the meal plant shall be operated and maintained in a manner that minimizes spillage of wastes.
- B. Removable basket strainers (1/4-inch mesh) in trench drains shall be utilized to prevent solids from reaching sumps.
- C. Strainers shall be inspected at regular intervals during any processing shift. Solids collected in strainers shall be transported to the meal plant.
- D. Transport of wastewater from the sumps to the screening system shall be accomplished by a type of pump that does not grind or pulverize solids. Wastes shall not be ground prior to screening.
- E. Personnel shall be trained in permit requirements regarding waste handling practices.
- F. Sanitary wastes will be treated aboard ship and retained in a holding tank until properly disposed of according to Marpol Annex V regulations or at an authorized shore-based facility.

- G. Discharge of garbage, especially plastics, is prohibited.
- H. All stickwater must be discharged 18 inches below the water surface.
- I. No discharge of wastes such as bone or bone fragments, fish scrap or fish waste greater than 1/4 inch shall be discharged into waters of the state.
- J. The vessel may conduct process operations in the locations listed on the cover page of this permit. Process waste discharges shall be prohibited while the vessel is at dock, anchored, or moving at speeds less than two knots.

## **GENERAL CONDITIONS**

### **G1. SIGNATORY REQUIREMENTS**

All applications, reports, or information submitted to the Department shall be signed and certified.

- A. All permit applications shall be signed by either a responsible corporate officer of at least the level of vice president of a corporation, a general partner of a partnership, or the proprietor of a sole proprietorship.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - 1. The authorization is made in writing by a person described above and submitted to the Department, and
  - 2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- C. Changes to authorization. If an authorization under paragraph B.2. above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of B.2. must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

“I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

### **G2. RIGHT OF ENTRY**

The Permittee shall allow an authorized representative of the Department, upon the presentation of credentials and such other documents as may be required by law:

- A. To enter upon the premises where a discharge is located or where any records must be kept under the terms and conditions of this permit;

- B. To have access to and copy at reasonable times any records that must be kept under the terms of the permit;
- C. To inspect at reasonable times any monitoring equipment or method of monitoring required in the permit;
- D. To inspect at reasonable times any collection, treatment, pollution management, or discharge facilities; and
- E. To sample at reasonable times any discharge of pollutants.

**G3. PERMIT ACTIONS**

This permit shall be subject to modification, suspension, or termination, in whole or in part by the Department for any of the following causes:

- A. Violation of any permit term or condition;
- B. Obtaining a permit by misrepresentation or failure to disclose all relevant facts;
- C. A material change in quantity or type of waste disposal;
- D. A material change in the condition of the waters of the state; or
- E. Nonpayment of fees assessed pursuant to RCW 90.48.465.

The Department may also modify this permit, including the schedule of compliance or other conditions, if it determines good and valid cause exists, including promulgation or revisions of regulations or new information.

**G4. REPORTING A CAUSE FOR MODIFICATION**

The Permittee shall submit a new application, or a supplement to the previous application, along with required engineering plans and reports, whenever a material change in the quantity or type of discharge is anticipated which is not specifically authorized by this permit. This application shall be submitted at least 60 days prior to any proposed changes. Submission of this application does not relieve the Permittee of the duty to comply with the existing permit until it is modified or reissued.

**G5. PLAN REVIEW REQUIRED**

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications should be submitted at least 180 days prior to the planned start of construction. Facilities shall be constructed and operated in accordance with the approved plans.

**G6. COMPLIANCE WITH OTHER LAWS AND STATUTES**

Nothing in the permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

**G7. DUTY TO REAPPLY**

The Permittee must apply for permit renewal at least 180 days prior to the specified expiration date of this permit.

**G8. PERMIT TRANSFER**

This permit is automatically transferred to a new owner or operator if:

- A. A written agreement between the old and new owner or operator containing a specific date for transfer of permit responsibility, coverage, and liability is submitted to the Department;
- B. A copy of the permit is provided to the new owner and;
- C. The Department does not notify the Permittee of the need to modify the permit.

Unless this permit is automatically transferred according to section A. above, this permit may be transferred only if it is modified to identify the new Permittee and to incorporate such other requirements as determined necessary by the Department.

**G9. REDUCED PRODUCTION FOR COMPLIANCE**

The Permittee, in order to maintain compliance with its permit, shall control production and/or all discharges upon reduction, loss, failure, or bypass of the treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost, or fails.

**G10. REMOVED SUBSTANCES**

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be resuspended or reintroduced to the final effluent stream for discharge to state waters.

**G11. TOXIC POLLUTANTS**

If any applicable toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Clean Water Act for a toxic pollutant and that standard or prohibition is more stringent than any limitation upon such pollutant in the permit, the Department shall institute proceedings to modify or revoke and reissue the permit to conform to the new toxic effluent standard or prohibition.

**G12. OTHER REQUIREMENTS OF 40 CFR**

All other requirements of 40 CFR 122.41 and 122.42 are incorporated in this permit by reference.

**G13. ADDITIONAL MONITORING**

The Department may establish specific monitoring requirements in addition to those contained in this permit by administrative order or permit modification.

**G14. PAYMENT OF FEES**

The Permittee shall submit payment of fees associated with this permit as assessed by the Department. The Department may revoke this permit if the permit fees established under Chapter 173-224 WAC are not paid.

**G15. PENALTIES FOR VIOLATING PERMIT CONDITIONS**

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be and be deemed to be a separate and distinct violation.